

IFW/16K



Law Office of Michael A. Sanzo, LLC

Practice Limited to Patent Law

January 9, 2007

Commissioner of Patents
U.S. Patent and Trademark Office
Customer Service Window, MS Amendment
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Re: Information Disclosure Statement
Appl. No.: 10/591,340
Filed: August 6, 2006
Title: **Process for Preparing N-Protected
4-Ketoproline Derivatives**
Inventor(s): ROSSEN, et al.
Atty. Dkt.: 7601/88254

Dear Sir:

The following documents are being forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Information Disclosure Statement;
2. PTO/SB/08a (list of references);
3. References C1-C10; and
4. Return Postcard.

Applicants do not believe that any fee is due for the filing of the above documents. However, the Director is hereby authorized to charge any fee deficiency for this filing to our Deposit Account No. 50-4056 under Order No. 7601/88254.

It is respectfully requested that the enclosed postcard be stamped with the date the enclosed documents are received by the PTO and that it be returned as soon as possible.

Very truly yours,

LAW OFFICE OF MICHAEL A. SANZO, LLC

Michael A. Sanzo

Michael A. Sanzo
Reg. No. 36,912
Attorney for Applicant

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

Kai ROSSEN

Appl. No.: 10/591,340

Filed: August 31, 2006

For: **PROCESS FOR PREPARING
N-PROTECTED 4-KETOPROLINE
DERIVATIVES**



Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

Atty. Dkt.: 7601/88254

Information Disclosure Statement

MAIL STOP - AMENDMENT

Commissioner of Patents
U.S. Patent and Trademark Office
P.O. Box 1450
Arlington, Virginia 22131-1450

Sir:

Submitted herewith is a listing of documents known to Applicants and/or their attorney in compliance with the requirements of 37 C.F.R. § 1.56. Some of these references were cited in the Search Report for corresponding international application no. PCT/US2005/001750 mailed June 27, 2005. Copies of the listed documents (with the exception of the US patent references) are also enclosed. In cases where the month of a publication is not provided, Applicants would like to point out that the year of publication is sufficiently earlier than the effective U.S. filing date and any foreign priority date that the particular month of publication is not in issue.

Applicant does not waive any rights to appropriate action to establish patentability over any of the listed documents should they be applied as references against the claims of the present application. This statement should not be construed as a representation that more material information does not exist or that an exhaustive search of the relevant art has been made.

Consideration of the cited documents and making the same of record in the prosecution of the above-captioned application are respectfully requested.

Applicants do not believe any fee is due for the submission of this Information Disclosure Statement. However, the Commissioner is hereby authorized to charge any fee deficiency to our Deposit Account No. 50-4056 under Order No. 7601/88254.

Respectfully submitted,

LAW OFFICE OF MICHAEL A. SANZO



By: _____

Michael A. Sanzo
Registration No. 36,912
Attorney for Applicants

Date: February 9, 2007
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Rockville, MD 20855
(240) 683-6165



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|---|---------------------------------|--|-----------------------------|--|--|--|------------|----------------------|
| PTO/SB/08a Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | | Application Number | | 10/591,340 | | | |
| | | | Filing Date | | August 31, 2006 | | | |
| | | | First Named Inventor | | Kai, ROSSEN | | | |
| | | | Art Unit | | Not Yet Assigned | | | |
| | | | Examiner Name | | Not Yet Assigned | | | |
| Sheet | | 1 | of | 2 | Attorney Docket | | 7601/88254 | |
| U.S. PATENT DOCUMENTS | | | | | | | | |
| Examiner Initials* | Cite No.¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | | |
| | | Number-Kind Code² | | | | | | |
| | A1 | US-4,296,113 | | 10-20-1981 | Ondetti | | | |
| | A2 | US-4,470,972 | | 09-11-1984 | Gold et al. | | | |
| | A3 | US-5,631,385 | | 05-20-1997 | Drauz et al. | | | |
| | A4 | US-6,103,910 | | 08-15-2000 | Hertel et al. | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | |
| Examiner Initials* | Cite No.¹ | Foreign Patent Document | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | | T⁶ |
| | | Country Code³-Number⁴-Kind Code⁵ | | | | | | |
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| Examiner Signature | | | | | Date Considered | | | |

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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|---|--------------------------|---|---|----------------------|------------------|
| PTO/SB/08b Substitute for Form 1449B/PTO | | | | Application Number | 10/591,340 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | | | Filing Date | August 31, 2006 |
| | | | | First Named Inventor | Kai, ROSSEN |
| | | | | Art Unit | Not Yet Assigned |
| | | | | Examiner Name | Not Yet Assigned |
| Sheet | 2 | of | 2 | Attorney Docket | 7610/88254 |
| NON PATENT LITERATURE DOCUMENTS | | | | | |
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | | T ² |
| | C1 | International Search Report Dated June 15, 2005 | | | |
| | C2 | BALDWIN, et al., "Towards a Versatile Synthesis of Kainoids I: Introduction of the C-3 and C-4 Substituents," <i>Tetrahedron</i> , Vol. 53, No. 14:5233-5254 (1997) | | | |
| | C3 | CARLSEN, et al., "A Greatly Improved Procedure for Ruthenium Tetraoxide Catalyzed Oxidations of Organic Compounds," <i>J. Org. Chem.</i> 46:3936-3938 (1981) | | | |
| | C4 | CRAWFORD, "A Practical Synthesis of 7,7,8,8-Tetracyanoquinodimethane," <i>J. Org. Chem.</i> 48:1366-1368 (1983) | | | |
| | C5 | KANAME, et al., "First Synthesis of Lycoperdic Acid," <i>Tetrahedron Letters</i> , Vol. 33, No. 52:8103-8104 (1992) | | | |
| | C6 | NARUKAWA, et al., "General and Efficient Synthesis of 2-Alkylcarbapenems: Synthesis of Dethiacarba Analogs of Clinically Useful Carbapenems via Palladium-Catalyzed Cross-Coupling Reaction," <i>Tetrahedron</i> , Vol. 53, No. 2:539-556 (1997) | | | |
| | C7 | PATCHETT, et al., "Studies on Hydroxyproline," <i>J. Amer. Chem. Soc.</i> 79:185-192 (1957) | | | |
| | C8 | QIU, et al., "Practical Synthesis of Boc-Protected <i>cis</i> -4-Trifluoromethyl and <i>cis</i> -4-Difluoromethyl-L-prolines," <i>J. Org. Chem.</i> 67:7162-7164 (2002) | | | |
| | C9 | SAIN, et al., "A Facile Synthesis of 4-Arylidene-2-Oxazolin-5-Ones by Using <i>N,N</i> -Dimethylchlorosulphite Methaniminium Chloride as a Cyclodehydrating Agent," <i>Chemistry and Industry</i> 15:499 (Aug. 1990) | | | |
| | C10 | TAMAKI, ET AL., "Synthesis of 4- <i>cis</i> -Phenyl-L-proline via Hydrogenolysis," <i>J. Org. Chem.</i> 66:3593-3596 (2001) | | | |
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